



1
1
BURTON CHACE PARK, MARINA DEL REY
SIDEWALK REPLACEMENT PLAN
SCALE: 1" = 50'



SIDEWALK REPLACEMENT	
ITEM	AREA (SF)
PEDESTRIAN PAVERS	12,500

LEGEND

SIDEWALK	
SITE IMAGE (SEE SHEET 2)	

NOBLE
CONSULTANTS, INC.

2201 DUPONT DRIVE, SUITE 830
IRVINE, CA. 92715
949-752-1530
949-752-8381 (FAX)

NO.	DATE	REVISION

DESIGNED BY JLR
DRAWN BY JLR
CHECKED BY RMN
APPROV. BY RMN

COUNTY OF LOS ANGELES - DEPARTMENT OF BEACHES AND HARBORS
SIDEWALK REPLACEMENT PLAN
CHACE PARK ANCHORAGE 47 DOCK REPLACEMENT

SHEET 1 OF 3
JOB NO. 928-59
SPEC. NO. AS SHOWN
DATE 03 JAN. 2013



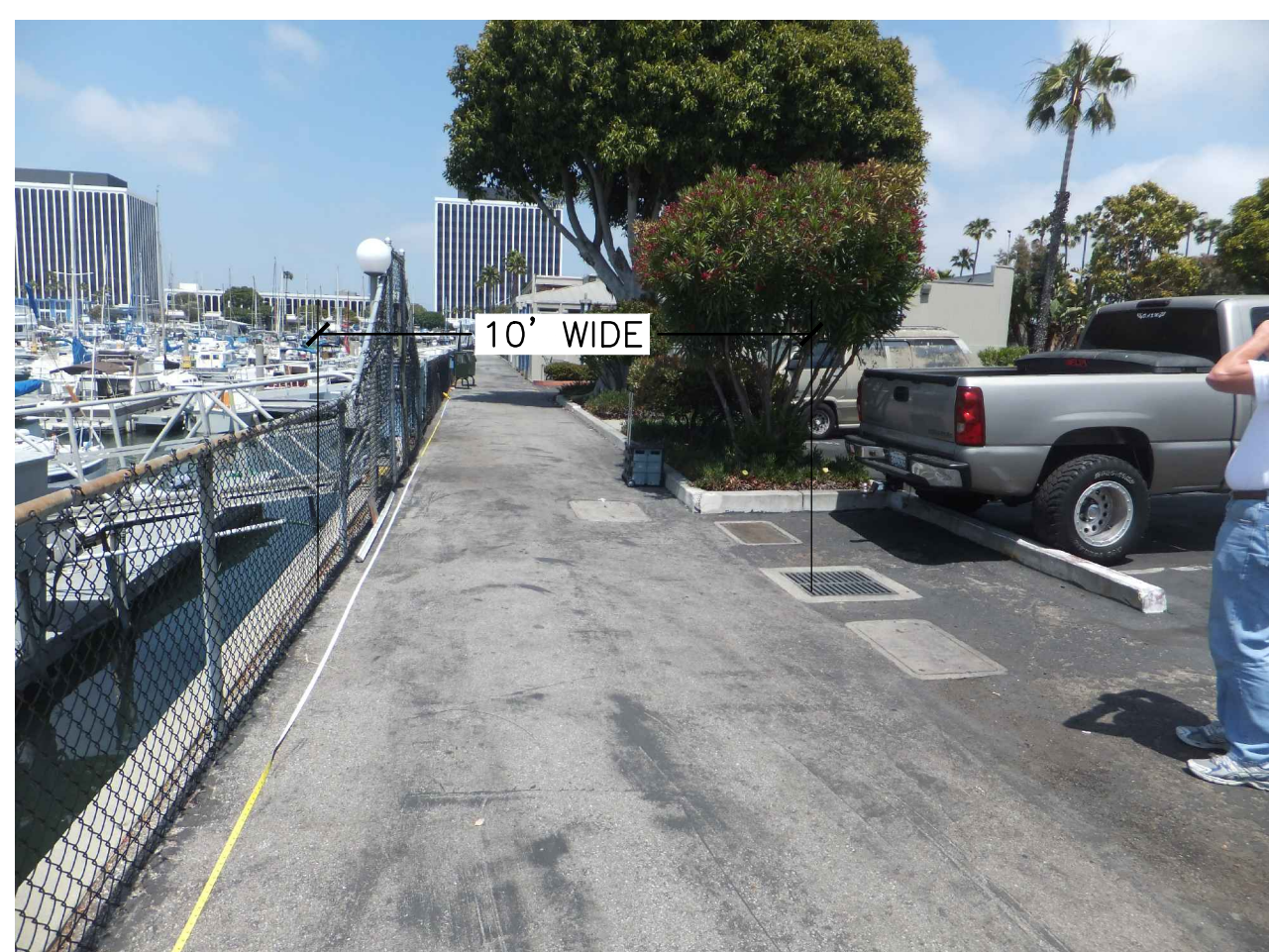
1
2 TYPICAL SIDEWALK



4
2 TYPICAL SIDEWALK



2
2 TYPICAL SIDEWALK



5
2 TYPICAL SIDEWALK

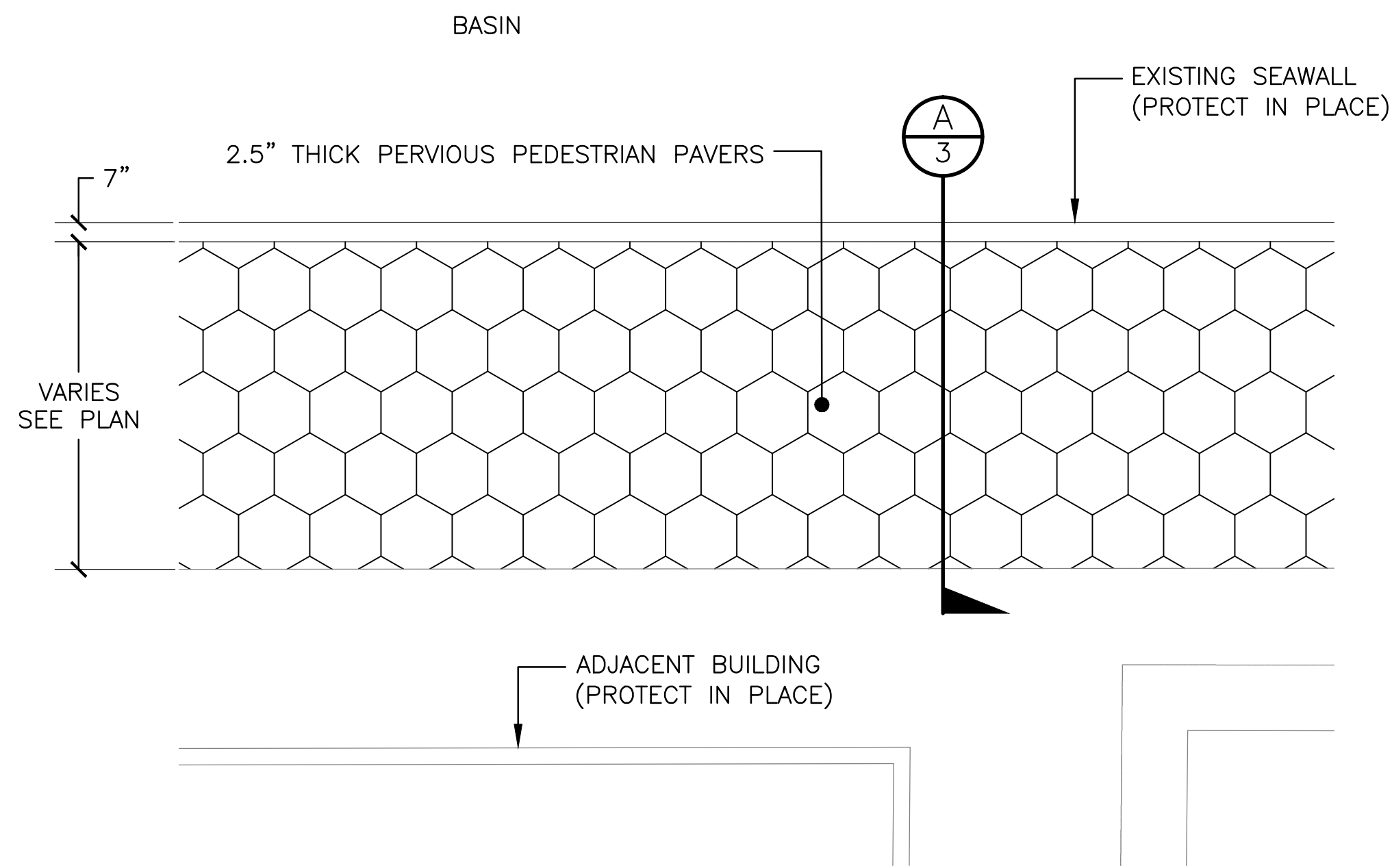


3
2 TYPICAL SIDEWALK



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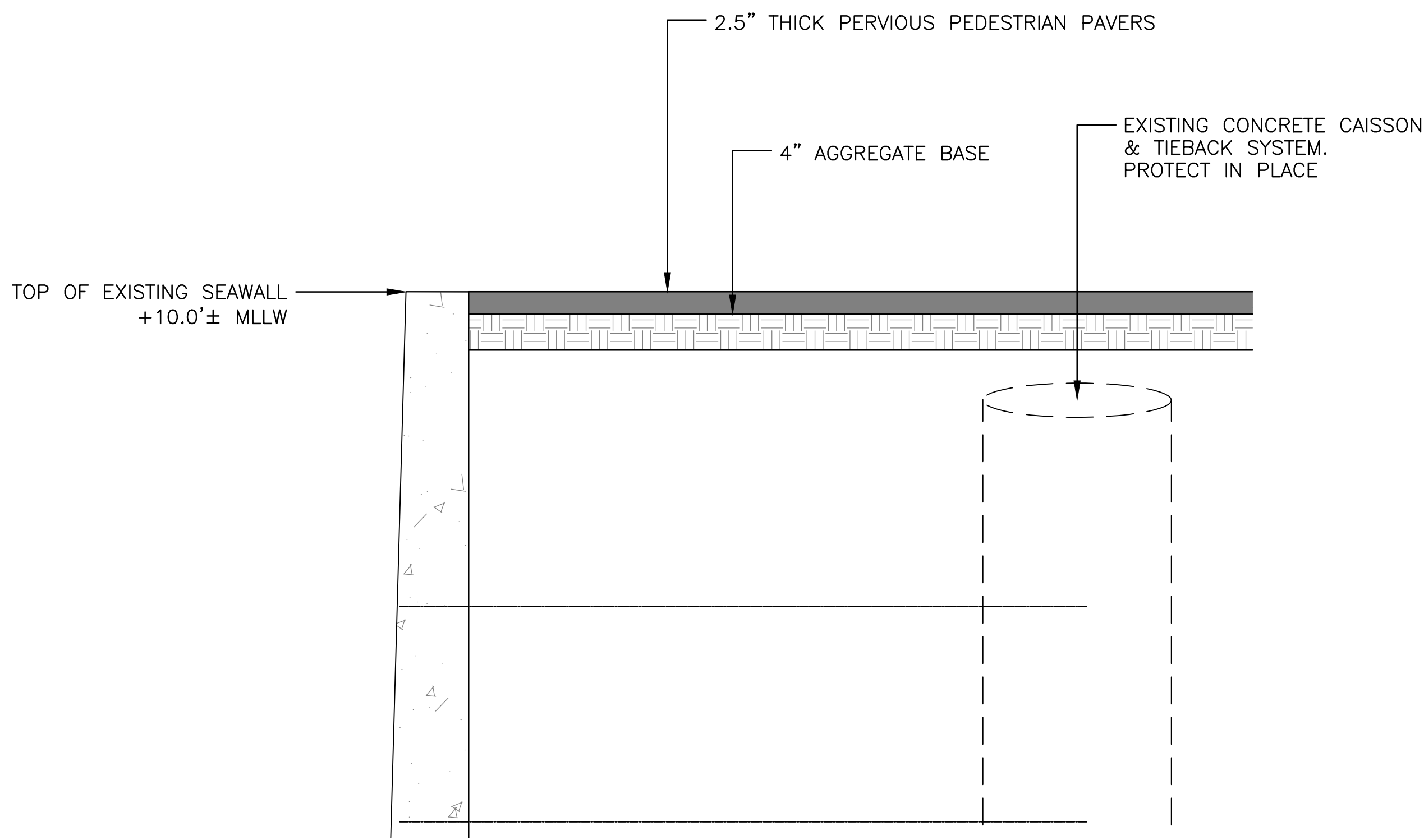
NO.	DATE	REVISION	DESIGNED BY	JLR	COUNTY OF LOS ANGELES – DEPARTMENT OF BEACHES AND HARBORS	SHEET	3	OF	2
			DRAWN BY	JLR	PROJECT SITE	JOB NO.	928–59		
			CHECKED BY	RMN		SPEC. NO.	AS SHOWN		
			APPROV. BY	RMN		DATE	03 JAN. 2013		
					CHACE PARK ANCHORAGE 47 DOCK REPLACEMENT				



NOTE:
FURNISH AND COMPACT CLASS 2
AGGREGATE BASE AS REQUIRED TO
ATTAIN PAVERS FLUSH WITH TOP
OF SEAWALL ELEVATION.

NOTE:
FIELD VERIFY PAVEMENT GRADES
AND ADJUST SLOPES AS REQUIRED
FOR DRAINAGE TO MATCH EXISTING
GRADES AT SAW CUT LIMIT LINES.

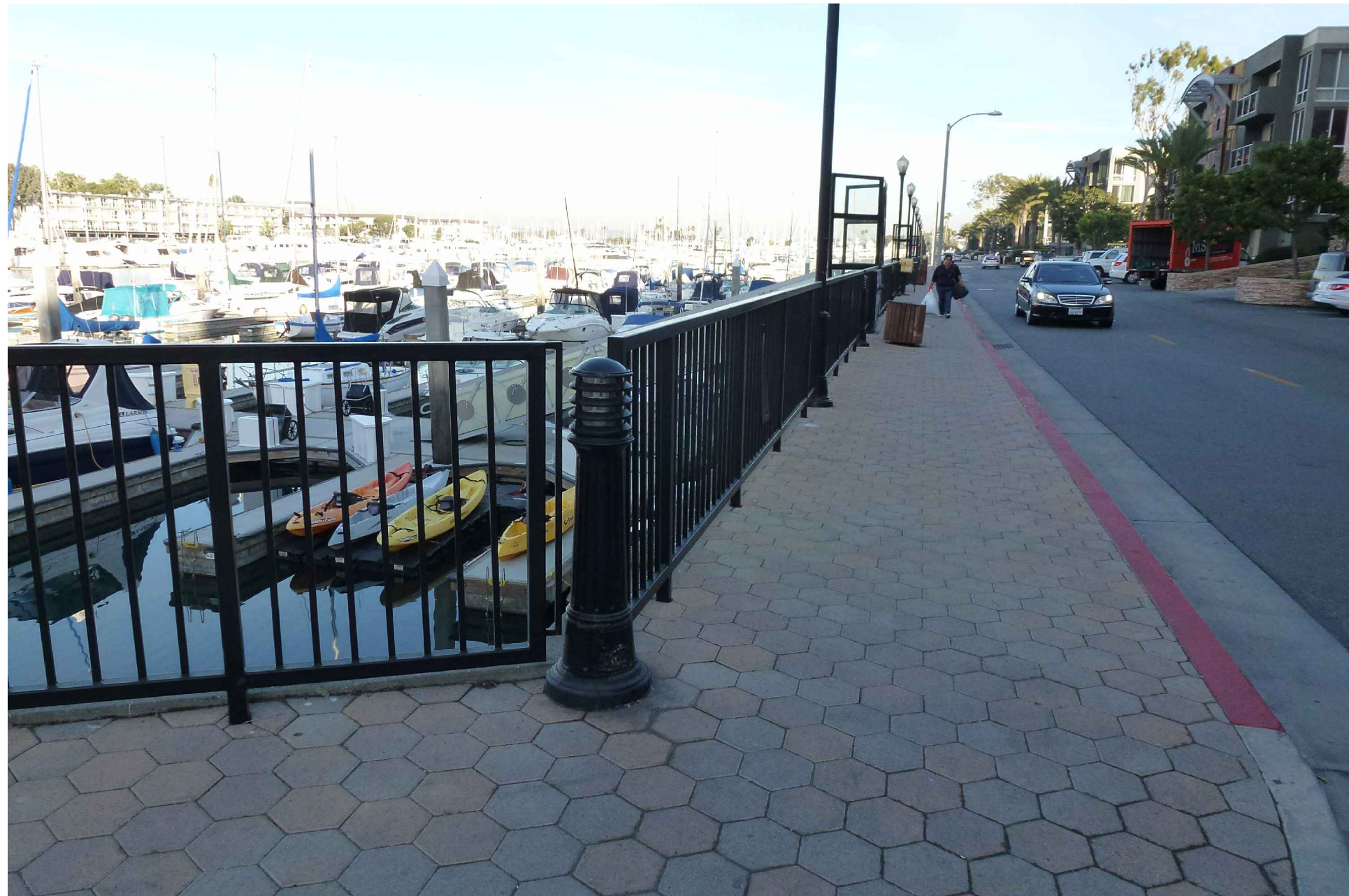
1
3 SIDEWALK WITH PAVERS DETAIL PLAN VIEW
SCALE: 1" = 4'



A
3 SIDEWALK WITH PAVERS SECTION VIEW
SCALE: 1" = 1'



3
3 PEDESTRIAN PAVER EXAMPLE PHOTO
SCALE: N/A



4
3 PEDESTRIAN PAVER EXAMPLE PHOTO
SCALE: N/A



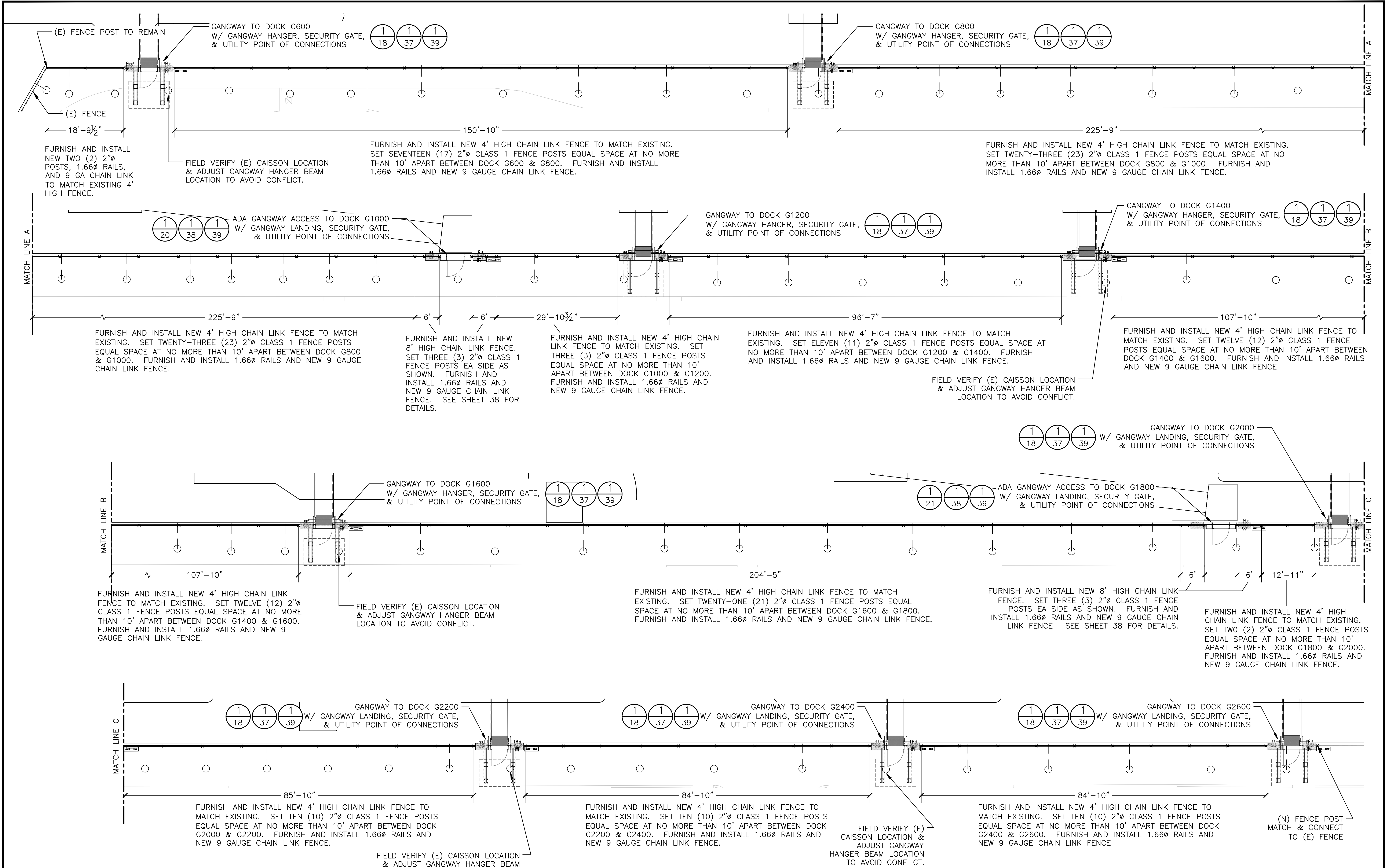
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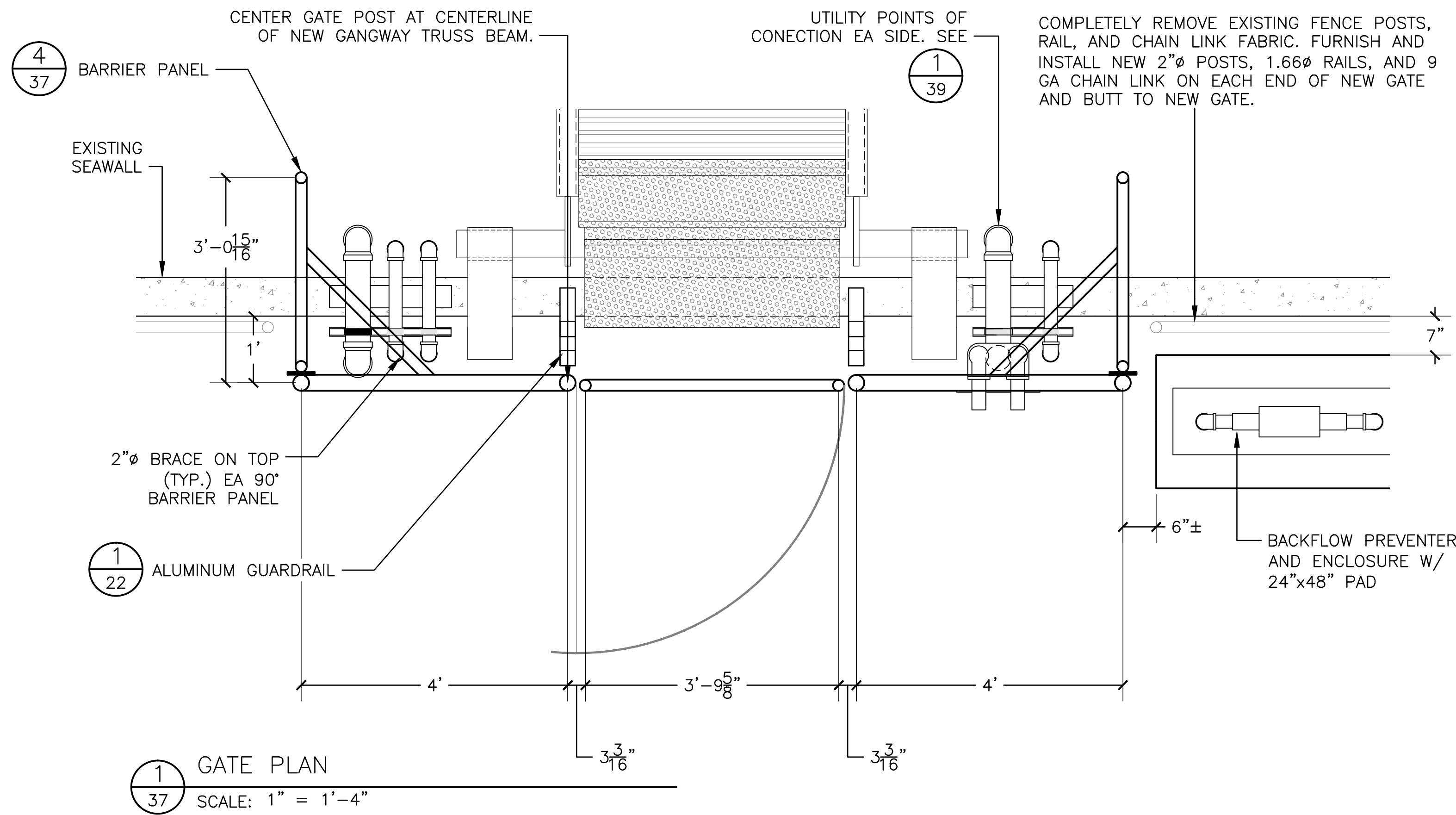
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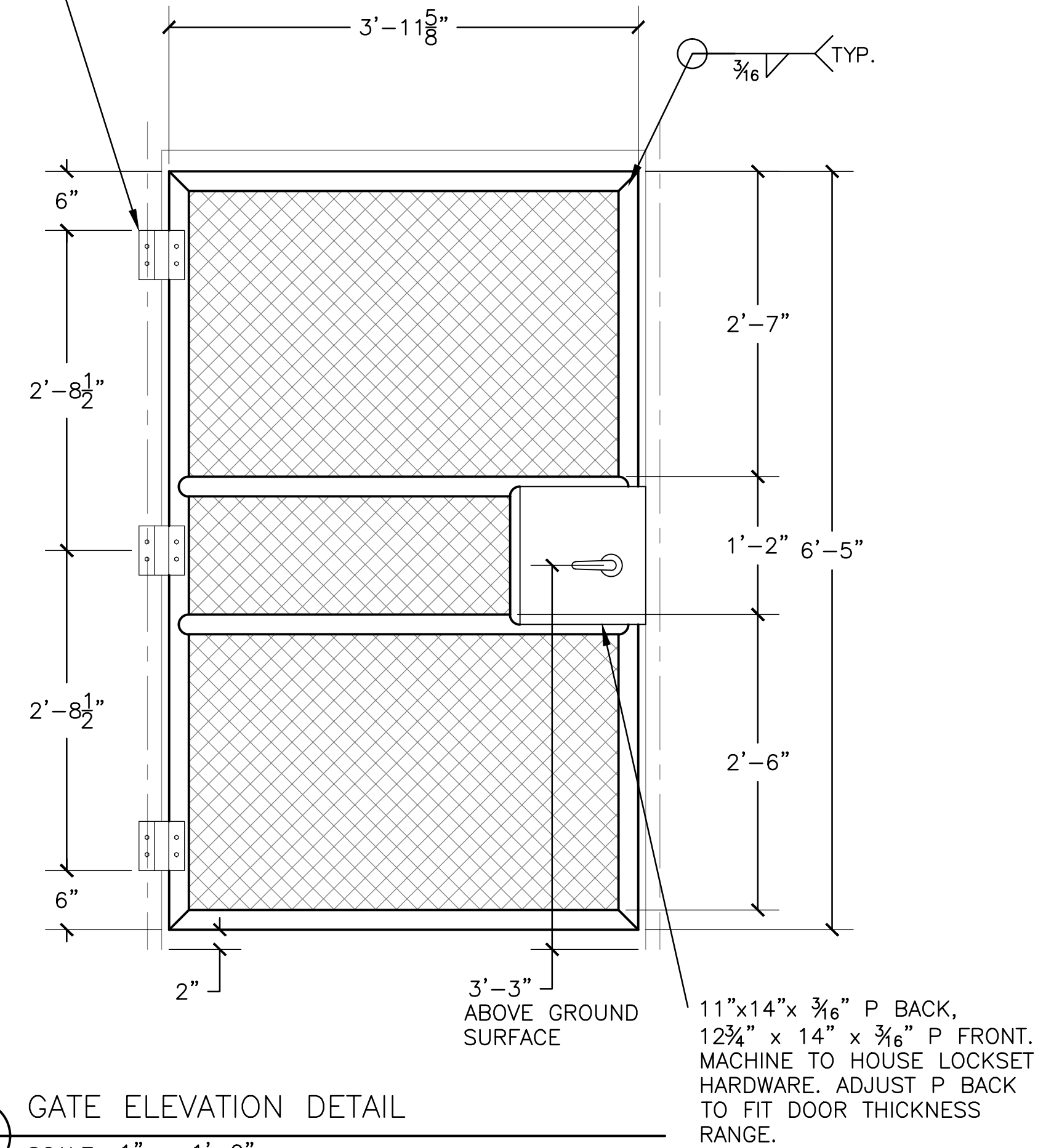
COUNTY OF LOS ANGELES - DEPARTMENT OF BEACHES AND HARBORS
SIDEWALK DETAILS
CHACE PARK ANCHORAGE 47 DOCK REPLACEMENT

SHEET	3	OF	3
JOB NO.	928-59		
SPEC. NO.	AS SHOWN		
DATE	03 JAN. 2013		



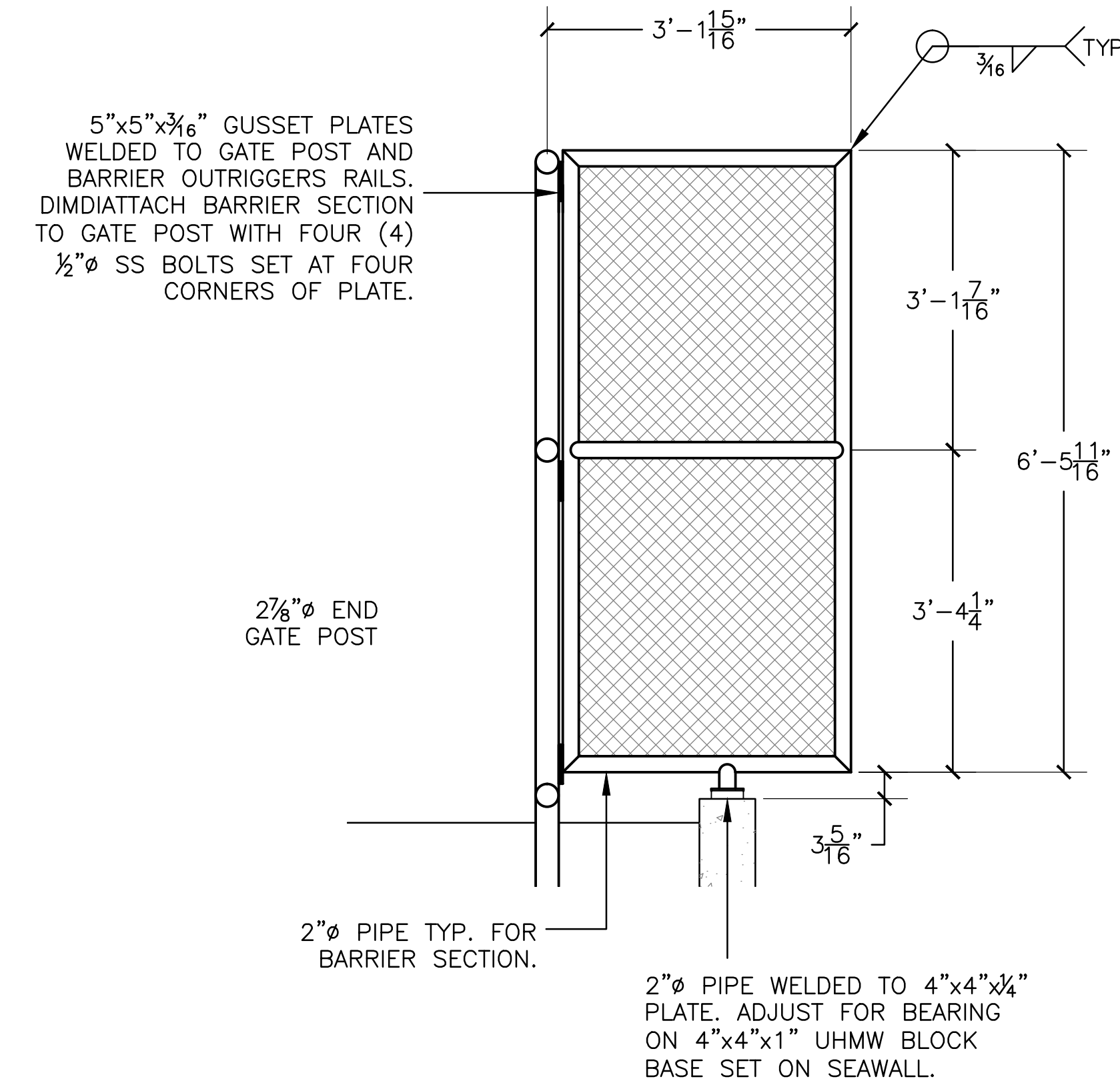
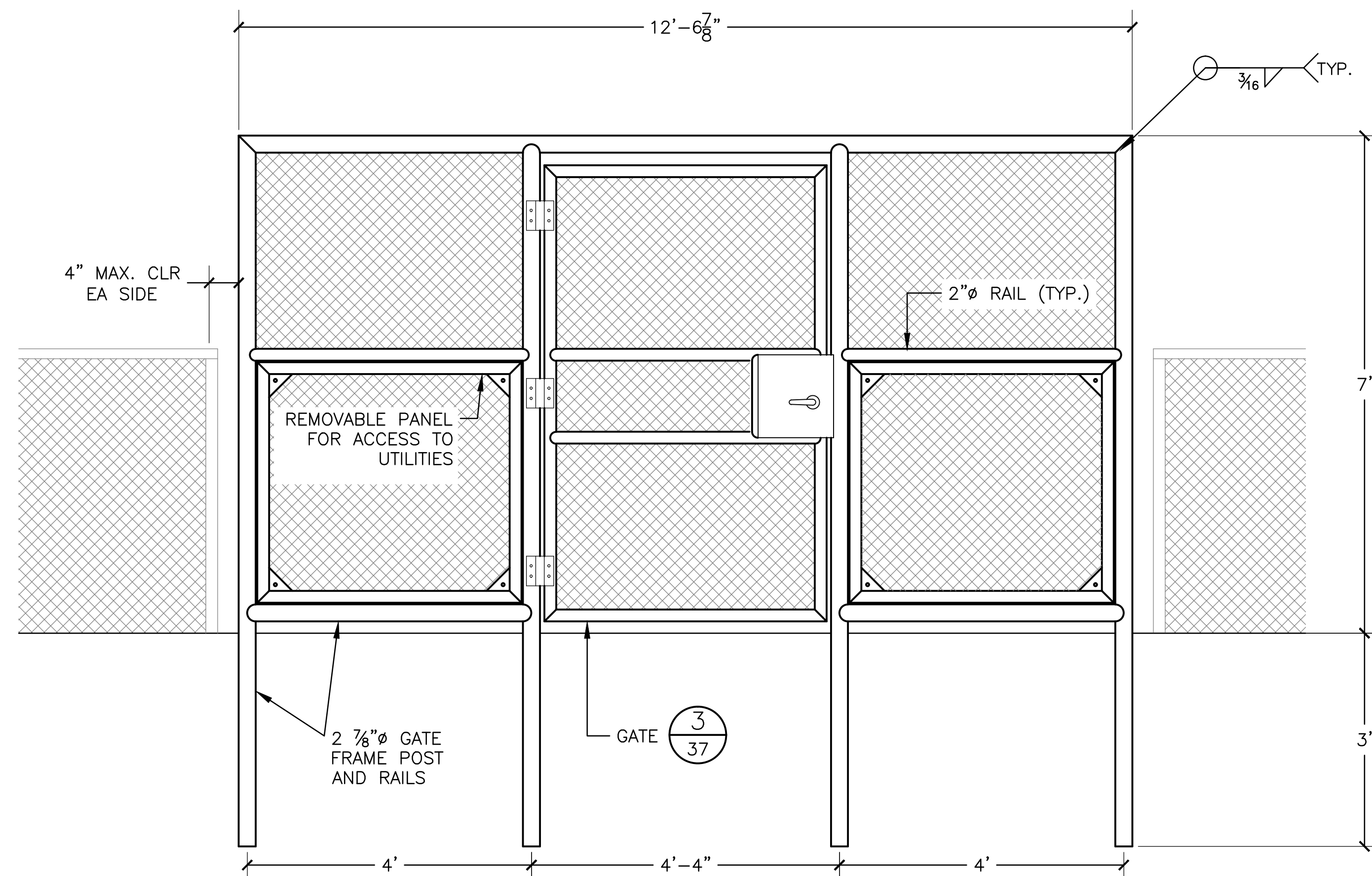


TRU-CLOSE SPRING LOADED
TCHDRND2-MK2 HEAVY DUTY
ROUND-POST HINGE (3 REQ'D).



SECURITY GATE & CHAIN LINK FENCE NOTES:

- ALL CHAIN LINK FENCE WORK SHALL CONFORM TO THE REQUIREMENTS OF SECTIONS 206-6, 210-5, AND 304-3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC) EXCEPT AS MODIFIED BELOW.
- STEEL PIPE FOR POSTS AND RAILS SHALL BE CLASS 1.
- ALL POSTS, RAILS, FRAMES, GATES, AND FITTINGS SHALL BE HOT DIP GALVANIZED AND PVC COATED FOR CORROSION PROTECTION IN CONFORMANCE WITH SECTION 210-5 OF THE SSPWC. COLOR OF PVC SHALL BE GREEN, OLIVE GREEN, BROWN, OR BLACK PER ASTM F934. CONTRACTOR SHALL SUBMIT SAMPLES OF ALL AVAILABLE COLORS TO PROJECT MANAGER FOR SELECTION OF COATING COLOR FOR ALL CHAIN LINK MATERIALS.
- CHAIN LINK FABRIC SHALL BE PVC FUSION-BONDED TO ZINC-COATED STEEL WIRE PER SECTION 206-6.3.2 OF THE SSPWC. WIRE SHALL BE NINE (9) GAUGE.
- GATE SHALL BE FABRICATED METAL CONSTRUCTION AND VANDAL RESISTANT. FRAMING SHALL BE FABRICATED METAL FRAME WITH CLOSELY SPACED PICKETS. CLEAR SPACES BETWEEN PICKETS MAY NOT EXCEED 4 INCHES WIDE. WOOD FENCING OR WOOD MATERIALS SHALL NOT BE USED FOR GATE.
- SUBMIT SHOP DRAWING OF GATE, FENCE REPLACEMENT, AND FABRICATED ITEMS TO ENGINEER FOR APPROVAL PRIOR TO ANY GATE FABRICATION AND CHAIN LINK FENCE WORK.
- FABRICATE GATE WITH LOCK SET HOUSING, STOP PLATE, STRIKER PLATE, AND LOCK MECHANISM USING APPROVED LOS ANGELES COUNTY LOCK SET. SHROUD INSIDE DOOR HANDLE TO PREVENT OPENING GATE FROM OUTSIDE WHEN LOCKED CLOSED.
- LOCKSET SHALL BE FALCON T SERIES T561 LEVER D WITH SATIN FINISH OR APPROVED EQUAL. KEY TO MATCH DEPARTMENT OF BEACHES AND HARBORS MASTER.



4
37

 BARRIER PANEL DETAIL

SCALE: 1" = 1'-4"

100% SUBMITTAL - NOT FOR CONSTRUCTION

2
37

 GATE ELEVATION

SCALE: 1" = 1'-4"

NOTE:
FENCE TENSION BAR AND CLAMPS
NOT SHOWN FOR CLARITY.

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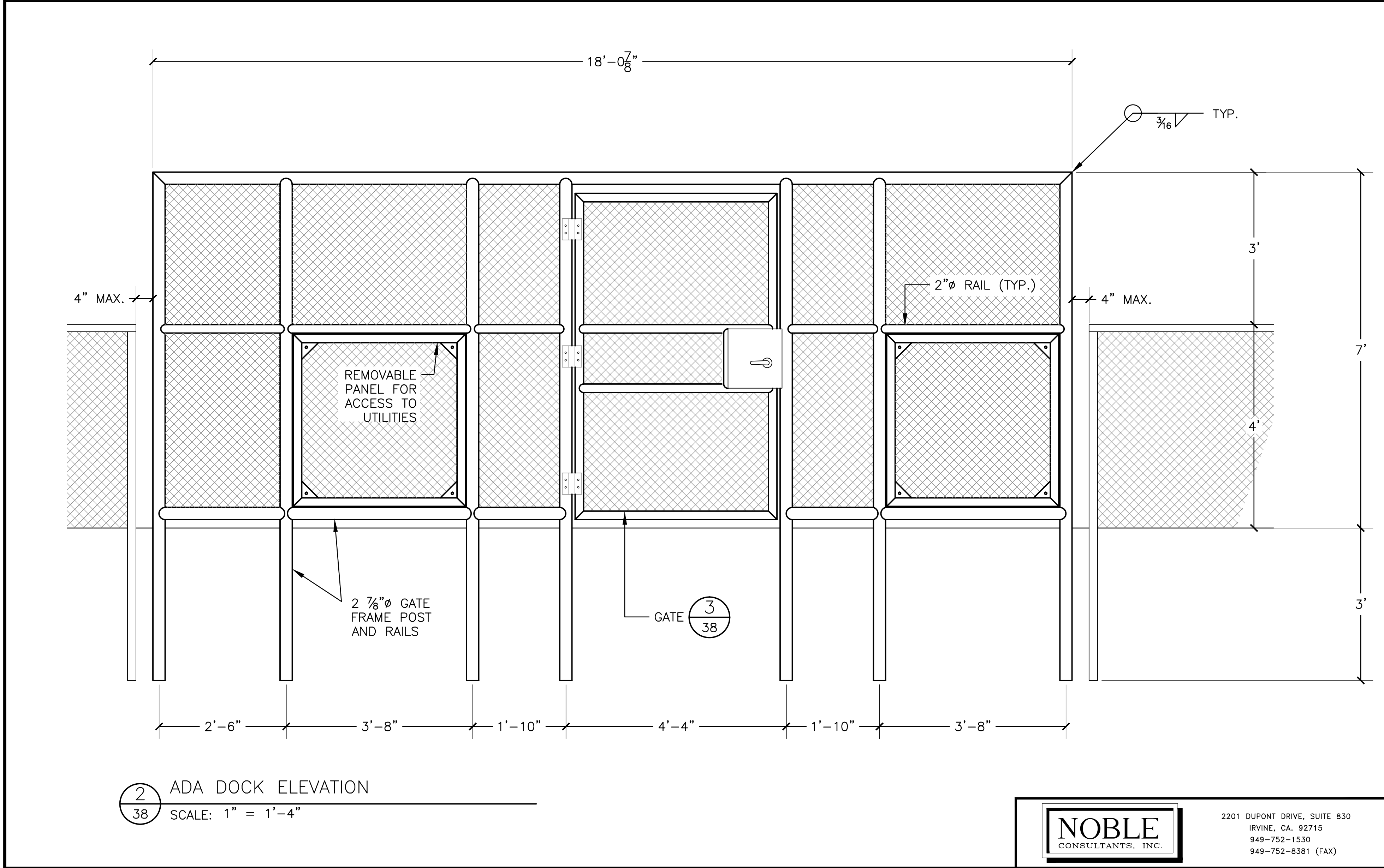
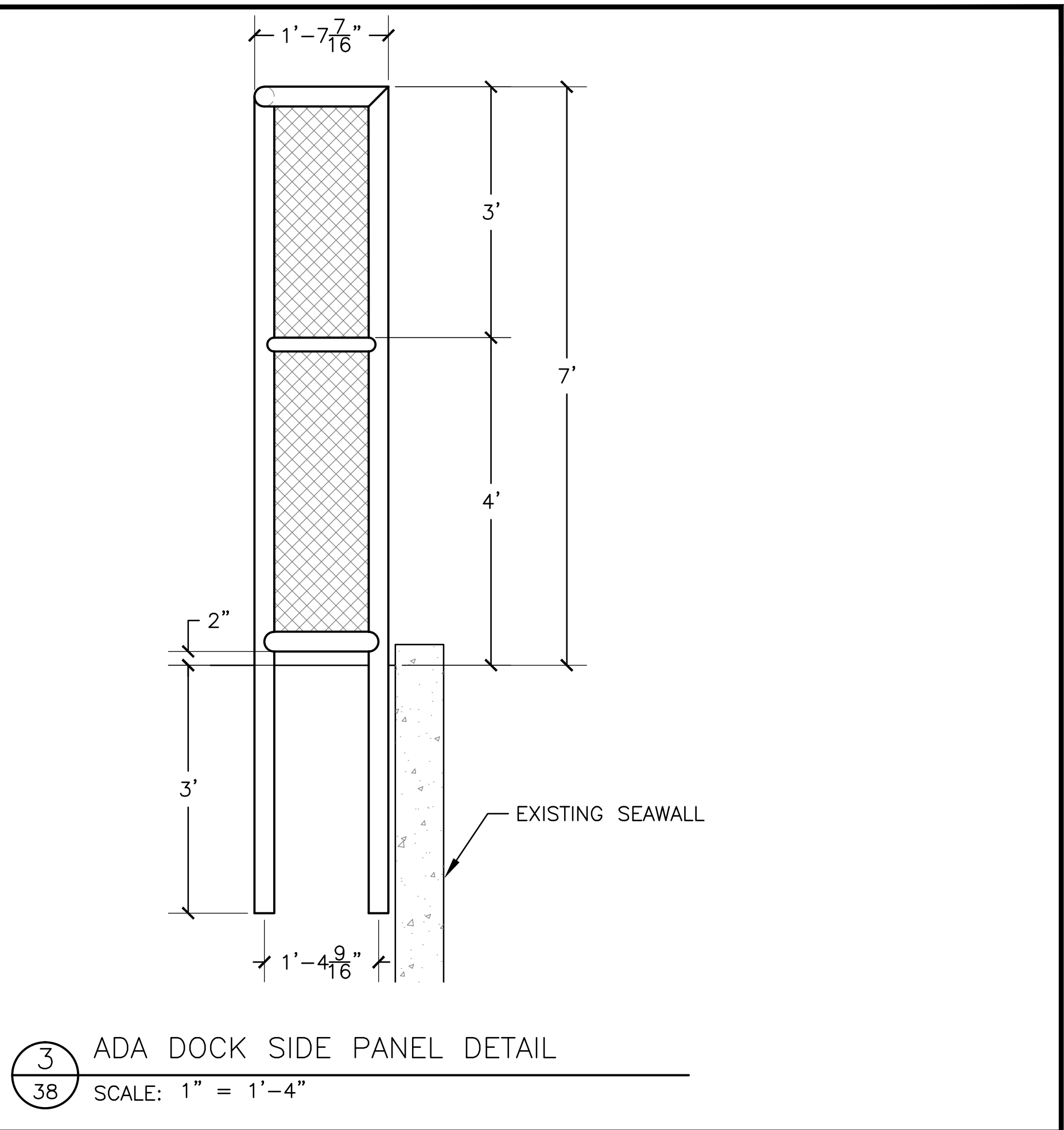
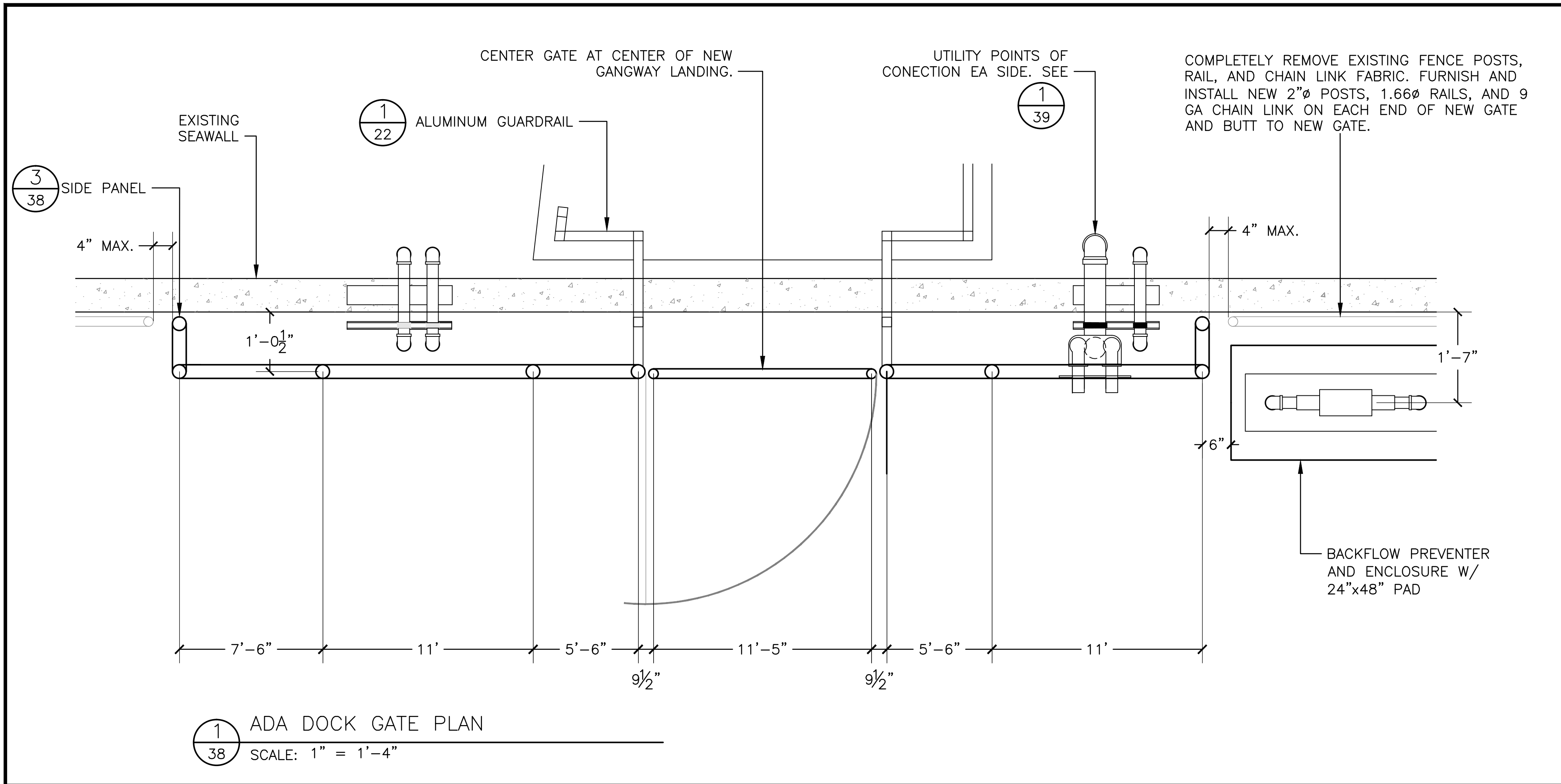
DESIGNED BY JLR
DRAWN BY JLR
CHECKED BY JTM
APPROV. BY RMN

COUNTY OF LOS ANGELES - DEPARTMENT OF BEACHES AND HARBORS

TYPICAL GATE PLAN & DETAILS

ANCHORAGE 47 DOCK REPLACEMENT PROJECT

SHEET 37 OF 61
JOB NO. 928-59
SPEC. NO. 7218
DATE 27 DEC. 2012



SECURITY GATE & CHAIN LINK FENCE NOTES:

1. ALL CHAIN LINK FENCE WORK SHALL CONFORM TO THE REQUIREMENTS OF SECTIONS 206-6, 210-5, AND 304-3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC) EXCEPT AS MODIFIED BELOW.
2. STEEL PIPE FOR POSTS AND RAILS SHALL BE CLASS 1.
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5. GATE SHALL BE FABRICATED METAL CONSTRUCTION AND VANDAL RESISTANT. FRAMING SHALL BE FABRICATED METAL FRAME WITH CLOSELY SPACED PICKETS. CLEAR SPACES BETWEEN PICKETS MAY NOT EXCEED 4 INCHES WIDE. WOOD FENCING OR WOOD MATERIALS SHALL NOT BE USED FOR GATE.
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8. LOCKSET SHALL BE FALCON T SERIES T561 LEVER D WITH SATIN FINISH OR APPROVED EQUAL. KEY TO MATCH DEPARTMENT OF BEACHES AND HARBORS MASTER.

100% SUBMITTAL - NOT FOR CONSTRUCTION

NO.	DATE	REVISION	DESIGNED BY	JLR	COUNTY OF LOS ANGELES - DEPARTMENT OF BEACHES AND HARBORS	SHEET	38	OF	61
			DRAWN BY	JLR	TYPICAL GATE PLAN & DETAILS FOR ADA DOCKS	JOB NO.	928-59		
			CHECKED BY	JTM		SPEC. NO.	7218		
			APPROV. BY	RMN	ANCHORAGE 47 DOCK REPLACEMENT PROJECT	DATE	27 DEC. 2012		

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66 LIGHT BOLLARDS SPS @ 20' MAX OC = 1317'-2"



LIGHT BOLLARD NOTES:

1. LIGHT BOLLARD SHALL BE VRB1 LED, TYPE III, VANDAL-RESISTANT ROUND BOLLARD MANUFACTURED BY KIM LIGHTING. (SEE SHEET 2 FOR SPECIFICATIONS)
2. LIGHT BOLLARD SHALL BE UL LISTED AND SUITABLE FOR WET LOCATIONS.
3. LIGHT BOLLARD SHALL HAVE 15 LEDS PER BOLLARD.
4. LIGHT BOLLARD SHALL HAVE COLOR TEMPERATURE 5100K.
5. LIGHT BOLLARD SHALL HAVE DOME TOP CAP AND COLOR SHALL MATCH PROPOSED FENCE COLOR.

1
1
BURTON CHACE PARK, MARINA DEL REY
BOLLARD LIGHTING PLAN
SCALE: 1" = 40'



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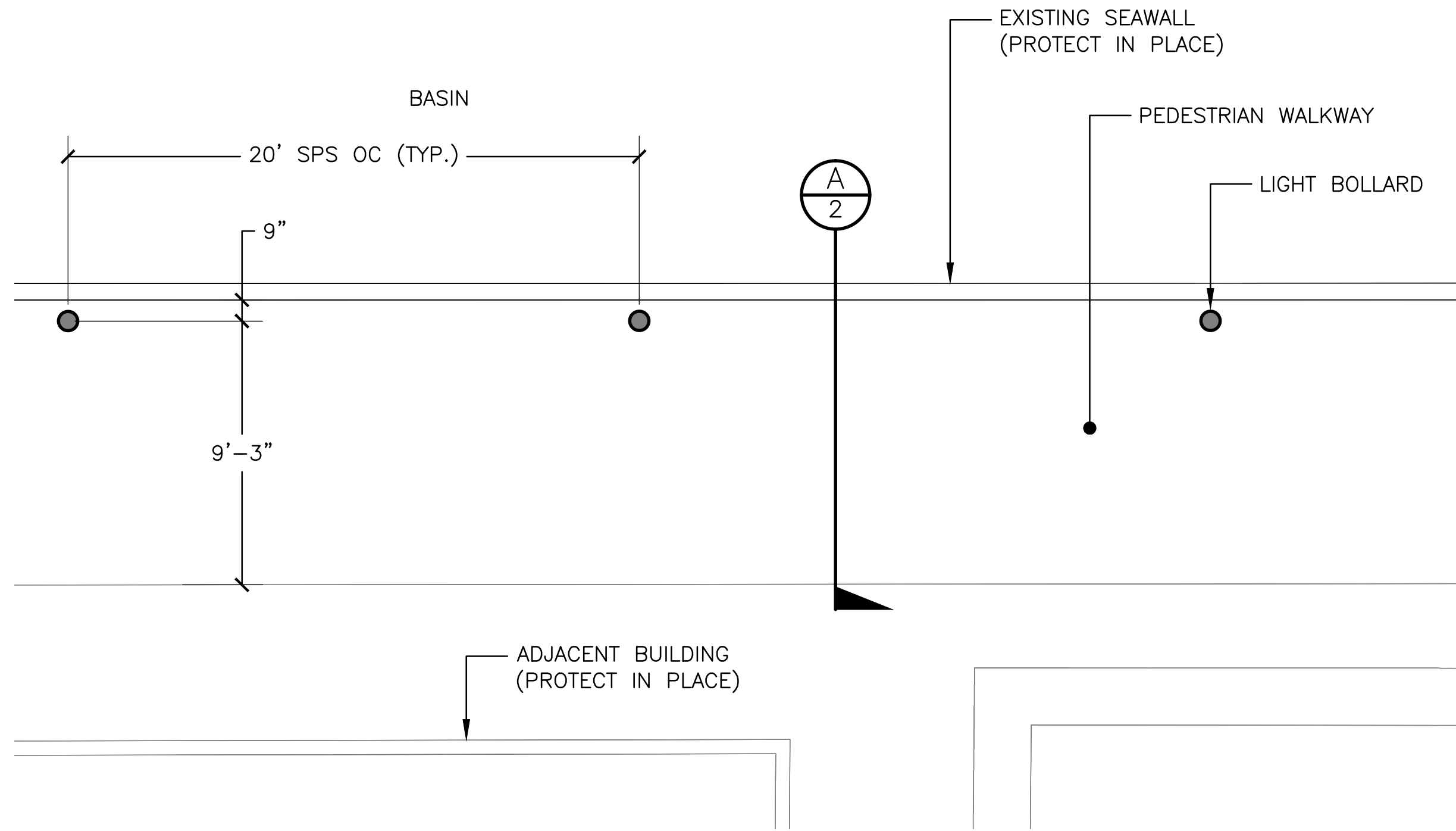
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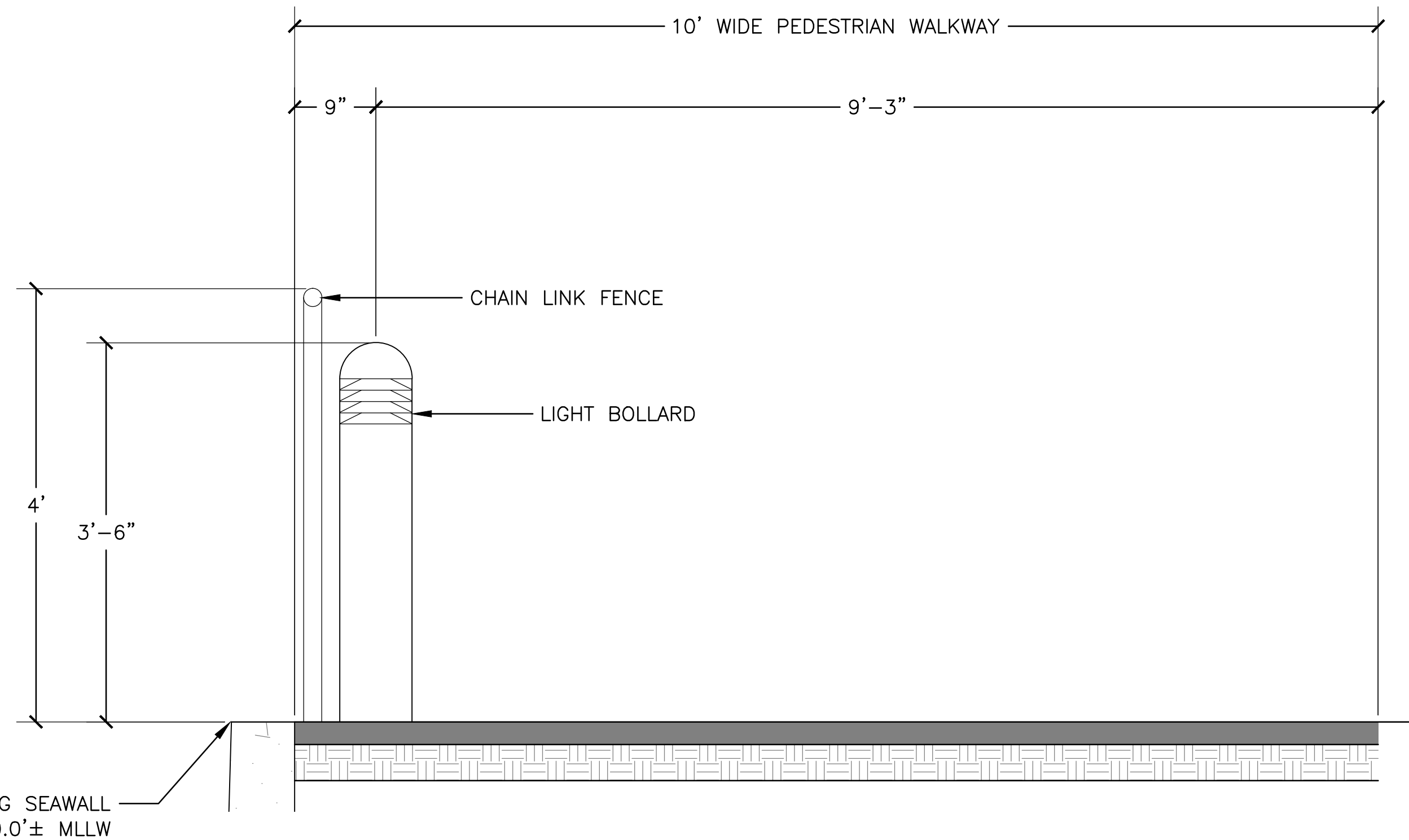
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CHECKED BY RMN
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COUNTY OF LOS ANGELES – DEPARTMENT OF BEACHES AND HARBORS
BOLLARD LIGHTING PLAN
CHACE PARK ANCHORAGE 47 DOCK REPLACEMENT

SHEET 1 OF 2
JOB NO. 928-59
SPEC. NO. AS SHOWN
DATE 23 JAN. 2013



1 BOLLARD DETAIL PLAN VIEW
2 SCALE: 1" = 4'



A BOLLARD SECTION VIEW
2 SCALE: 1" = 1'



VRB1 LED Round Bollard

Single Function, Vandal-Resistant, Aluminum Shaft

revision 6/29/11 • kl_vrb1led_spec.pdf

Type:
Job:
Catalog number:

Approvals:

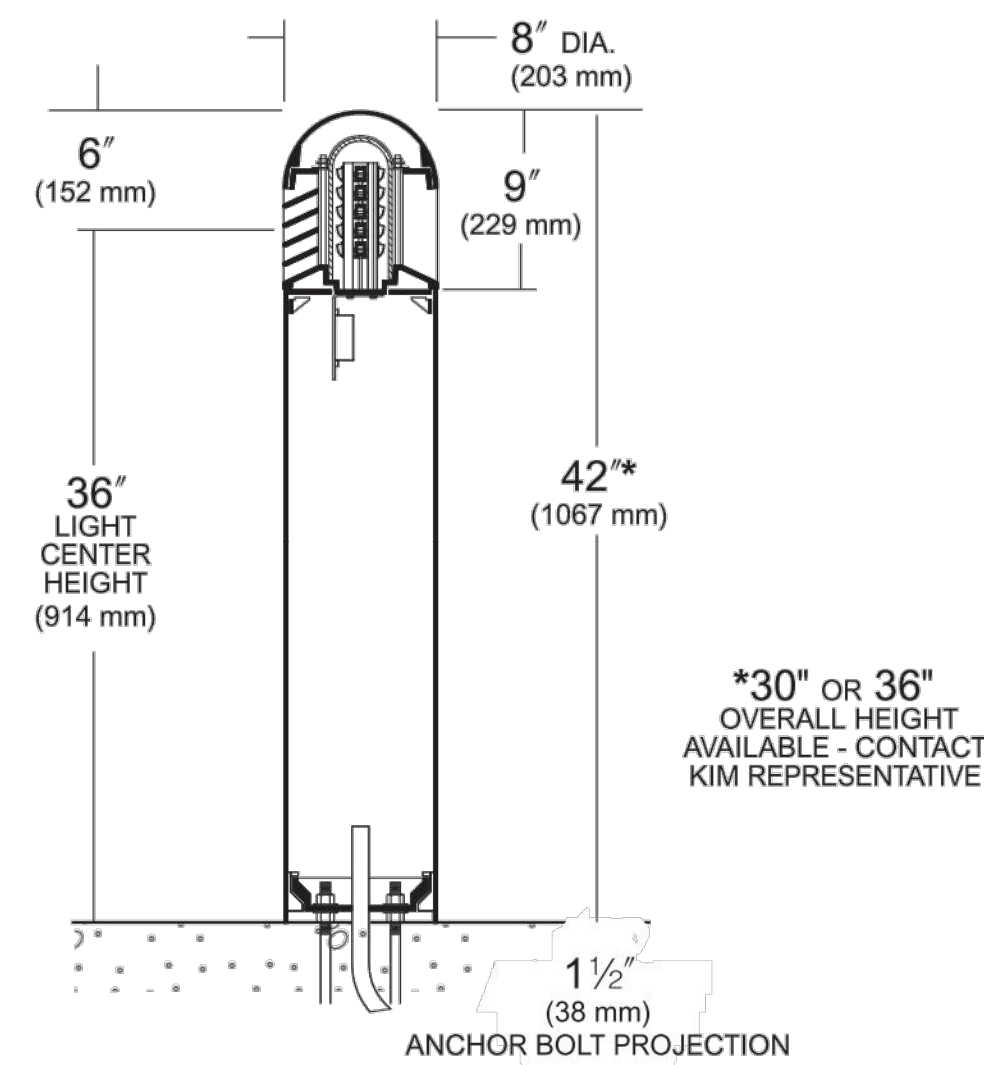
Date:
Page: 1 of 2

VRB1	/	/	/
Fixture	Electrical Module	Luminaire Finish (includes top cap and shaft) See page 2	Option

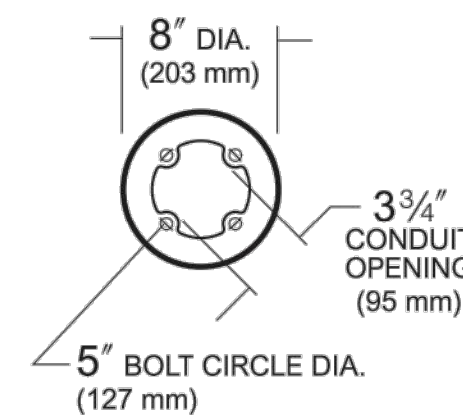
Specifications

VRB-LED Models
10 - 20 Diodes

VRB1- Single Function Luminaire (Aluminum Shaft)
Maximum weight: 30 lb



BASE PLAN VRB
ALUMINUM SHAFT



Domed Top Cap: One-piece die-cast aluminum secured to louvers by concealed allen screws in keyhole slots. For relamping access, allen screws shall not require complete removal.

Louvers: Aluminum die-cast with vertical support ribs at 90° intervals. Horizontal louver blades shall have a 1 3/4" depth, a 65° upward pitch and provide light source cutoff above horizontal. Louver assembly shall be secured to shaft by four internal tie rods.

Lamp Enclosure: One-piece tempered molded glass with internal flutes and full gasketing at bottom edge.

Fixture Head: Allows flow-through ventilation around and above the lamp enclosure.

Shaft: One-piece extruded aluminum, .125" wall thickness with a heavy cast aluminum twist-lock anchor base concealed within the shaft. Concealed set screws shall lock shaft onto the cast anchor base.

Electronic Module: All electrical components are either UL or ETL recognized, mounted on a single plate and factory prewired with quick disconnect plugs. Driver is rated for -40°F starting and has a 0-10V dimming interface for multi-level illumination options.

Optical Module: Each LED equipped with a directional optic for maximum beam angle projecting through louver stack spacings. LED boards to be mounted to an anodized interlocking heat sink extrusion. (Type I) two 5-LED boards for a total of 10-LED. (Type III) three 5-LED boards for a total of 15-LED. (Type V) four 5-LED boards for a total of 20-LED. Available in 3500K and 5100K color temperatures.

Anchor Bolts: Four 3/8" x 10" + 2" zinc plated L-hooks, each with two nuts, washers and a rigid pressed board template.

Finish: TGIC thermoset polyester powder coat paint, 2.5 mil nominal thickness, applied over a titanated zirconium conversion coating; 2500 hour salt spray test endurance rating. Standard colors are Black, Dark Bronze, Light Gray, Stealth Gray™, Platinum Silver, or White. Custom colors are available.

CAUTION: Fixtures must be grounded in accordance with national, state and/or local codes. Failure to do so may result in serious personal injury.

Listings and Ratings		
UL, or ETL to UL Standards 1598 & 8750 ¹	25C Ambient	
IP46 Rated	FS = Fully Shielded ²	-

¹Suitable for wet locations.

²Dark Sky Legislation Compliant

KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE

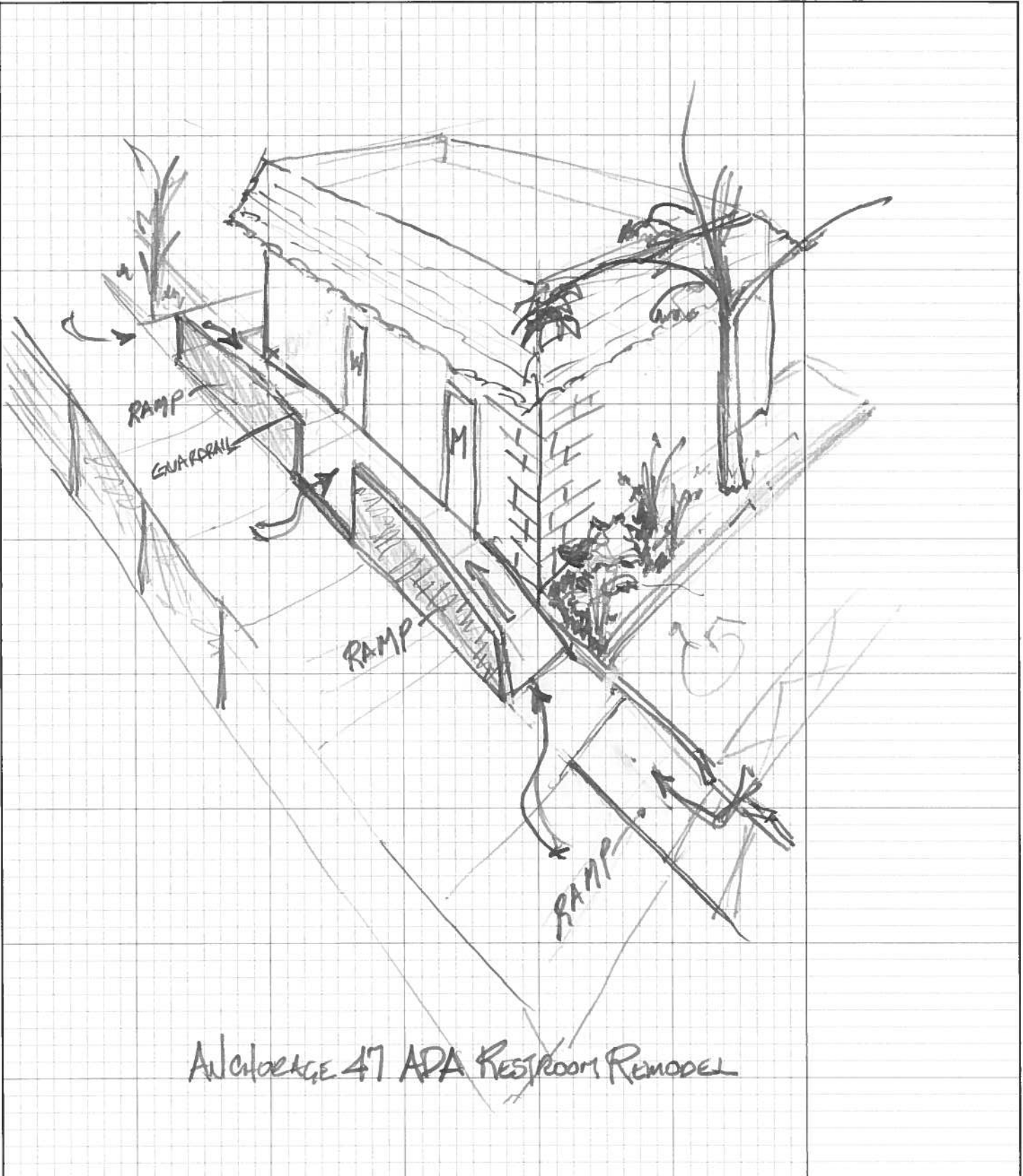
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2 BOLLARD LIGHT SPECIFICATIONS
2 SCALE: N/A

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			DRAWN BY	JLR	BOLLARD DETAILS	JOB NO.	928–59		
			CHECKED BY	RMN		SPEC. NO.	AS SHOWN		
			APPROV. BY	RMN		DATE	23 JAN. 2013		
CHACE PARK ANCHORAGE 47 DOCK REPLACEMENT									



By: _____

Date: _____

Checker: _____

Date: _____

Sheet: _____

of _____